

Attorney Docket No. 1955 P 073



IP-57641
PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Patent Application Of:)
JEFFREY M. BENTLEY, et al.)
U.S. Application No. 09/872,166) Group Art Unit: 1164
Filed: June 1, 2001) Examiner: Unassigned SEP 10 2001
For: REACTOR FOR PRODUCING HYDROGEN) TC 177a
FROM HYDROCARBON FUELS)

INFORMATION DISCLOSURE STATEMENT

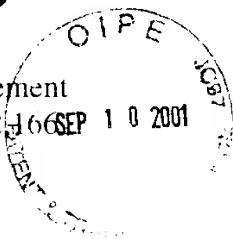
Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

Pursuant to 37 C.F.R. §§ 1.97 and 1.98, Applicants submit herewith Form PTO-1449, "Information Disclosure Statement." The present application is a continuation of U.S. Application No. 09/006,727 (now U.S. Patent No. 6,245,303 issued June 12, 2001). The present application relies upon U.S. Application No. 09/006,727 for a filing date under 35 U.S.C. § 120. Accordingly, copies of patents, publications, or other information previously cited by or submitted to the U.S. Patent and Trademark Office in the prior application are not provided pursuant to 37 C.F.R. § 1.98(d).

The Examiner is requested to consider carefully the complete text of the enclosed references in connection with the examination of this application. It is requested that the listed references be made of record and included in the "References Cited" portion of any patent issuing from this application.

Information Disclosure Statement
U.S. Application No. 09/872466

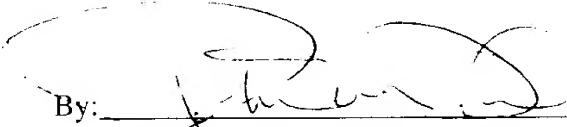


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Since this Statement is being filed before the mailing date of a first Official Action on the merits, no fee is necessary; however, the Commissioner is authorized to charge any fee associated with this Communication to our Deposit Account No. 23-0280.

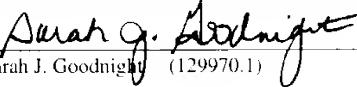
Respectfully submitted,

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CERTIFICATE OF MAILING (37 C.F.R. § 1.8a)

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail, postage prepaid, in an envelope addressed to: Commissioner of Patents, Washington, D.C. 20231 on September 6, 2001.


Sarah J. Goodnight (129970.1)

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		* 5,885,442	03/1999	Lapunow, et al.			
		* 5,858,314	01/1999	Hsu, et al.			
		* 5,827,485	10/1998	Libal, et al.			
		* 5,762,658	06/1998	Edwards, et al.			
		* 5,759,949	06/1998	Grigorova, et al.			
		* 5,702,838	12/1997	Yasumoto, et al.			
		* 5,676,911	10/1997	Baumert, et al.			
		* 5,651,800	07/1997	Mizuno, et al.			
		* 5,649,983	07/1997	Akagi			
		* 5,648,182	07/1997	Hara, et al.			
		* 5,645,950	07/1997	Benz, et al.			
		* 5,643,692	07/1997	Ohmi			
		* 5,637,415	06/1997	Meltser, et al.			
		* 5,546,701	08/1996	Greiner, et al.			
		* 5,529,484	06/1996	Moard, et al.			
		* 5,527,632	06/1996	Gardner			
		* 5,520,891	05/1996	Lee			
		* 5,486,428	01/1996	Gardner, et al.			
		* 5,486,313	01/1996	DeJong, et al.			
		* 5,484,576	01/1996	Langer, et al.			
		* 5,470,360	11/1995	Sederquist			
		* 5,462,719	10/1995	Pedersen, et al.			
		* 5,458,857	10/1995	Collins, et al.			
		* 5,441,546	08/1995	Moard, et al.			
		* 5,437,123	08/1995	Greiner, et al.			
		* 5,366,704	11/1994	Koves, et al.			
		* 5,360,679	11/1994	Buswell, et al.			
		* 5,346,779	09/1994	Nakazawa			
		* 5,344,721	09/1994	Sonai, et al.			
		* 5,340,663	08/1994	Buswell, et al.			
		* 5,300,275	04/1994	Lywood			
		* 5,299,536	04/1994	Moard, et al.			
		* 5,260,640	11/1993	Carabetta, et al.			
		* 5,250,270	10/1993	Noe			
		* 5,248,567	09/1993	Amemiya, et al.			
		* 5,248,566	09/1993	Kumar, et al.			

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

SEP 10 2001

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1955 P 073

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1764

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		* 5,246,791	09/1993	Fisher, et al.			
		* 5,221,586	06/1993	Morimoto, et al.			
		* 5,209,908	05/1993	Koves, et al.			
		* 5,207,185	05/1993	Greiner, et al.			
		* 5,193,635	03/1993	Mizuno, et al.			
		* 5,141,823	08/1992	Wright, et al.			
		* 5,098,690	03/1992	Koves			
		* 5,047,299	09/1991	Shockling			
		* 5,030,661	07/1991	Lywood			
		* 5,030,440	07/1991	Lywood, et al.			
		* 5,026,536	06/1991	Shioiri, et al.			
		* 5,019,463	05/1991	Matsubara, et al.			
		* 5,006,131	04/1991	Karafian, et al.			
		* 4,988,580	01/1991	Ohsaki, et al.			
		* 4,943,493	07/1990	Vartanian			
		* 4,923,768	05/1990	Kaneko, et al.			
		* 4,909,808	03/1990	Voecks			
		* 4,904,455	02/1990	Karafian, et al.			
		* 4,897,253	01/1990	Jenkins			
		* 4,888,031	12/1989	Martens			
		* 4,879,189	11/1989	Snopkowski			
		* 4,861,347	08/1989	Szydłowski, et al.			
		* 4,849,187	07/1989	Uozu, et al.			
		* 4,838,020	06/1989	Fujitsuka			
		* 4,836,831	06/1989	Martens			
		* 4,830,091	05/1989	Dierke, et al.			
		* 4,822,521	04/1989	Fuderer			
		* 4,789,540	12/1988	Jenkins			
		* 4,789,384	12/1988	Martens, et al.			
		* 4,781,241	11/1988	Misage, et al.			
		* 4,737,161	04/1988	Szydłowski, et al.			
		* 4,716,023	12/1987	Christner et al.			
		* 4,714,592	12/1987	Zanma, et al.			
		* 4,522,894	06/1985	Hwang, et al.			
		* 4,504,447	03/1985	Spurrier, et al.			
		* 4,478,793	10/1984	Vickers			

INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)

SEP 10 2001

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1955 P 073	09/872,166
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Filing Date	Group Art Unit
June 1, 2001	1764

*EXAMINER INITIAL	REF	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
		* 4,452,854	06/1984	Merriam, et al.			
		* 4,405,562	09/1983	Zardi, et al.			
		* 4,372,920	02/1983	Zardi			
		* 4,365,006	12/1982	Baker			
		* 4,338,292	07/1982	Duranieau			
		* 4,257,920	03/1981	Sugier, et al.			
		* 4,246,235	01/1981	Rogers			
		* 4,236,941	12/1980	Main, Jr.			
		* 4,236,899	12/1980	Gulden, et al.			
		* 4,233,180	11/1980	Hausberger, et al.			
		* 4,169,879	10/1979	Descoins, et al.			
		* 4,125,090	11/1978	Masunaga, et al.			
		* 4,059,076	11/1977	Kosaka, et al.			
		* 3,982,910	09/1976	Houseman, et al.			
		* 3,971,847	07/1976	Houseman			
		* 3,955,941	05/1976	Houseman, et al.			
		* 3,920,416	11/1975	Houseman			
		* 3,909,299	09/1975	Corrigan			
		* 3,796,547	03/1974	Muenger			
		* 3,733,181	05/1973	Tourtellotte, et al.			
		* 3,645,701	02/1972	Banchik, et al.			
		* 3,615,217	10/1971	O'Brien, et al.			
		* 3,541,729	11/1970	Dantowitz			
		* 3,531,263	09/1970	Sederquist			
		* 3,499,797	03/1970	Hooper			
		* 3,438,759	04/1969	Linden, et al.			
		* 3,421,826	01/1969	Tope, et al.			
		* 3,334,971	08/1967	James, et al.			
		* 2,989,380	06/1961	Weiss, et al.			
		* 2,517,525	08/1950	Cummings			
		* 2,315,208	03/1943	Kinnaird			
		* 2,279,153	04/1942	Wilcox			
		* 1,797,426	03/1931	Larson			

INFORMATION DISCLOSURE STATEMENT
(Use several sheets if necessary)

SEP 10 2001

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1955 P 073	09/872,166
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Filing Date	Group Art Unit
June 1, 2001	1764

FOREIGN PATENT DOCUMENTS

REF	DOCUMENT NUMBER	PUBLICATION DATE	COUNTRY	CLASS	SUBCLASS	Translation	
						YES	NO
	* 37 08 957 A1	10/1988	DE				
	* 39 39 544 A1	06/1991	DE				
	* 0 082 609	06/1983	EPO				
	* 0 112 613 A2	07/1984	EPO				
	* 0 312 757 A1	04/1989	EPO				
	* 0 360 505 A2	03/1990	EPO				
	* 0 361 648 A1	04/1990	EPO				
	* 0 442 164 A1	08/1991	EPO				
	* 0 600 621 A1	06/1994	EPO				
	* 0 621 1501	08/1994	EPO				
	* 1060166	01/1967	GB				
	* 1 408 560	10/1975	GB				
	* 2 084 894	10/1980	GB				
	* 2 179 366	03/1987	GB				
	* 2 268 322	01/1994	GB				
	* 2 296 719	07/1996	GB				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		* International Search Report from PCT/US97/14906 mailed March 13, 1998.
		* "Development of a Partial Oxidation Reformer for Liquid Fuels," April 2, 1996.
		* "Development of a Catalytic Partial Oxidation Ehanol Reformer for Fuel Cell Applications," December 7, 1995.
		* "Development of an Ethanol Reformer for a Fuel Cell Bux," May 10, 1995.
		* "On-Board Ethanol Fuel Processor: Integrated System Design," February 15, 1995.
		* "Catalyst Handbook," 2 nd ed., Sections 4.1.1 to 4.11.9, Ed. M.V. Twigg, Wolfe Publishing, 1989.
		* Catalytica Associates, Inc., "Overview of Fuel-Processing Technologies For Fuel-Cell Power Generation," Catalytica File No. 1036, November 6, 1978.

INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

SEP 10 2001

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1955 P 073	09/872,166
Applicant(s)	
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Filing Date	Group Art Unit
June 1, 2001	1764

* John Houseman and D.J. Cerini, "On-Bard Hydrogen Generator for a Partial Hydrogen Injection Internal Combustion Engine," *Society of Automotive Engineers*, August 12-16, 1974.

* Search Report from the European Patent office mailed June 30, 1998.

EXAMINER	DATE CONSIDERED
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EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO-A820
(also form PTO-1449)

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A copy of the document listed was previously either submitted to the United States Patent and Trademark Office in Information Disclosure Statements filed in or cited by the Examiner during the prosecution of U.S. Patent Application No. 09/006,727 (now U.S. Patent No. 6,245,303 issued June 12, 2001). The present application is a continuation of U.S. Patent Application No. 09/006,727 (now U.S. Patent No. 6,245,303 issued June 12, 2001). Pursuant to 37 CFR 1.98(d), a copy of this document is not required and therefore not enclosed.

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